Leaf Rubbing

Create beautiful fall images while learning about leaves.

Kit contains:

- 2 crayons
- 3 pieces of paper
- 2 squares of parchment paper
- Forest Preserve map

You will need: leaves

Optional: more crayons, other types of paper, scissors

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INSTRUCTIONS

(1) Collect a bunch of leaves. You can find them around your house, or you can take a trip to one of our local Forest Preserves (map included).

(2) Peel off any crayon wrappers.

(3) Put a leaf (or several leaves if they're small) under a piece of paper.

(4) Gently rub the side of the crayon over the leaf. An image of the leaf will appear!

EXTENSIONS

▸ How do the leaf rubbings change with the different types of paper? Try more types of paper from home!

▸ Use more colors of crayons from home. Cut out the leaf rubbings to make arts and crafts projects.

▸ You can take your crayons and paper outside and make rubbings of tree bark!

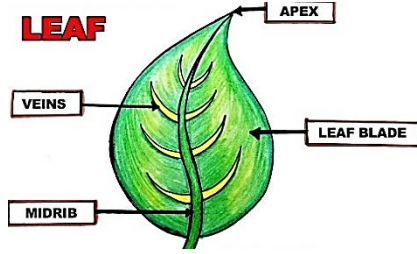
GEOMETRY EXTENSIONS

▸ After you make a rubbing of one leaf, move it over and rub it again. Keep doing this to make a **pattern**!

▸ Do a leaf rubbing, then flip your leaf over an imaginary line of symmetry and make another rubbing that's a mirror image, or **reflection**.

▸ Do a leaf rubbing, then **rotate** your leaf 90 degrees and make another. Continue until you have a pattern.

Information About Leaves



Leaves have lots of different parts. The lines you see on your leaf rubbings are the **midrib** and the **veins**. They transport water and nutrients to and from the leaf.

https://www.britannica.com/science/leaf-plant-anatomy

MORE INFORMATION ABOUT LEAVES

The main job of leaves is to make energy for the plant that they're a part of. They can take energy from sunlight and turn it into simple sugars and other nutrients for the plant. They do this through **photosynthesis**.

The part of the leaf that uses sunlight is also the part that makes it green – **chlorophyll**. With less sunlight in the fall, the chlorophyll starts to fade and other pigments in the leaf became more vibrant.

RESOURCES TO LEARN MORE

- *Summer Green to Autumn Gold* by Mia Posada
- *Autumn Leaves* by Ken Robbins
- *Leaves* by Steffi Cavell-Clark

Ask a librarian for more books about leaves!

- *https://www.learningherenthere.com/all-ages/leaf-rubbings-for-kids-of-all-ages*